

Document Number:
401466046

Date Received:

WELL ABANDONMENT REPORT

This form is to be submitted as an Intent to Abandon whenever an abandonment is planned on a borehole. After the abandonment is complete, this form shall again be submitted as a Subsequent Report of the actual work completed. The approved intent shall be valid for six months after the approval date, after that period, a new intent will be required. Attachments required with the Intent to Abandon are wellbore diagrams of the current configuration and the proposed configuration with plugs set. A Subsequent Report of Abandonment shall indicate the actual work completed. Attachments required with a Subsequent Report are a wellbore diagram showing plugs that were set and casing remaining in the hole, the job summaries from all plugging contractors used, including wireline and cementing (third party verification) and any logs that may have been run during abandonment.

OGCC Operator Number: 10322 Contact Name: Greg Francis
 Name of Operator: EAST CHEYENNE GAS STORAGE LLC Phone: (303) 931-3435
 Address: 10370 RICHMOND AVE SUITE 510 Fax: _____
 City: HOUSTON State: TX Zip: 77042 Email: gfrancis@mehllc.com

For "Intent" 24 hour notice required, Name: Schure, Kym Tel: (970) 520-3832
COGCC contact: Email: kym.schure@state.co.us

API Number 05-075-08449-00 Well Number: M005
 Well Name: LC
 Location: QtrQtr: NESW Section: 13 Township: 11N Range: 53W Meridian: 6
 County: LOGAN Federal, Indian or State Lease Number: _____
 Field Name: LEWIS CREEK Field Number: 49200

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.926280 Longitude: -103.242240
 GPS Data:
 Date of Measurement: 08/10/2010 PDOP Reading: 4.0 GPS Instrument Operator's Name: Darren Veal
 Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other Well not located in suitable stratigraphic or structural position.
 Casing to be pulled: Yes No Estimated Depth: _____
 Fish in Hole: Yes No If yes, explain details below
 Wellbore has Uncemented Casing leaks: Yes No If yes, explain details below
 Details: _____

Current and Previously Abandoned Zones

| Formation | Perf. Top | Perf. Btm | Abandoned Date | Method of Isolation | Plug Depth |
|------------------|-----------|-----------|----------------|---------------------|------------|
| D & J SAND | 5242 | 5433 | 11/20/2017 | CEMENT | 4995 |
| Total: 1 zone(s) | | | | | |

Casing History

| Casing Type | Size of Hole | Size of Casing | Weight Per Foot | Setting Depth | Sacks Cement | Cement Bot | Cement Top | Status |
|-------------|--------------|----------------|-----------------|---------------|--------------|------------|------------|--------|
| SURF | 12+3/4 | 8+5/8 | 24 | 120 | 85 | 120 | 0 | VISU |

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ sacks cmt on top. CIBP #2: Depth _____ with _____ sacks cmt on top.
 CIBP #3: Depth _____ with _____ sacks cmt on top. CIBP #4: Depth _____ with _____ sacks cmt on top.
 CIBP #5: Depth _____ with _____ sacks cmt on top.

NOTE: Two(2) sacks cement required on all CIBPs.

Set 109 sks cmt from 4995 ft. to 5441 ft. Plug Type: OPEN HOLE Plug Tagged:
 Set 62 sks cmt from 4150 ft. to 4456 ft. Plug Type: OPEN HOLE Plug Tagged:
 Set 309 sks cmt from 0 ft. to 1233 ft. Plug Type: CASING Plug Tagged:
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:

Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth
 Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth
 Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth
 (Cast Iron Cement Retainer Depth)

Set _____ sacks half in. half out surface casing from _____ ft. to _____ ft. Plug Tagged:
 Set _____ sacks at surface
 Cut four feet below ground level, weld on plate Above Ground Dry-Hole Marker: Yes No
 Set _____ sacks in rat hole Set _____ sacks in mouse hole

Additional Plugging Information for Subsequent Report Only

Casing Recovered: _____ ft. of _____ inch casing Plugging Date: 11/20/2017
 *Wireline Contractor: _____ *Cementing Contractor: Basic Energy Services
 Type of Cement and Additives Used: 13.2# A Service Lite w/CACL
 Flowline/Pipeline has been abandoned per Rule 1103 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

East Cheyenne Gas Storage, LLC planned on reentering the dry & abandoned Roper 1 well to convert well to a gas storage monitor well (Form 4 – COGCC Doc# 401318857). Subsequent to the filing, East Cheyenne determined the well would not be suitable for a gas storage well. East Cheyenne Gas Storage, LLC did re-enter the well & log the well to obtain a "modern" set of logs. The well was re-plugged to insure no vertical migration of gas would occur between formations within the gas storage unit area.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Greg Francis
 Title: Project Geologist Date: _____ Email: gfrancis@mehllc.com

Based on the information provided herein, this Well Abandonment Report (Form 6) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY:

| COA Type | Description |
|----------|-------------|
| | |

Attachment Check List

| <u>Att Doc Num</u> | <u>Name</u> |
|--------------------|--------------------|
| 401466729 | WELLBORE DIAGRAM |
| 401466736 | CEMENT JOB SUMMARY |
| 401466778 | OTHER |
| 401466817 | OTHER |
| 401466820 | OTHER |

Total Attach: 5 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|----------------|------------------------|
| | | Stamp Upon Approval |

Total: 0 comment(s)